

## Creating Linear Equations – Day 2

Unit 3: Comparing Functions - Modeling & Transformations

**Find the equation of the line that best describes the provided information.**

1.  $(9, -2)$  &  $(-5, -8)$

2.  $(-25, 10)$  &  $(15, 10)$

3.  $(-7, 5)$  &  $(2, -3)$

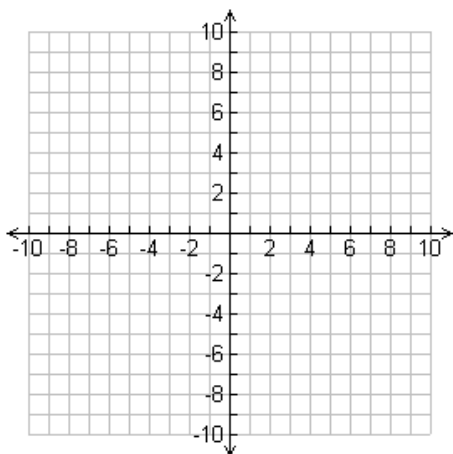
4.  $(5, 9)$  &  $(4, -3)$

5.  $(-11, 3)$  &  $(0, 7)$

6.  $(13, -8)$  &  $(-3, 0)$

7. Create a scatter plot for the following points and draw a line through the middle of the points:

$(-10, 0)$ ,  $(-8, 3)$ ,  $(-2, 2)$ ,  
 $(1, 3)$ ,  $(5, 4)$ ,  $(9, 6)$



8. Create a scatter plot for the following points and draw a line through the middle of the points:

$(-1, 9)$ ,  $(1, 2)$ ,  $(3, -2)$ ,  
 $(4, -8)$ ,  $(0, 8)$ ,  $(5, -8)$

